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Securing abundance

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Securing Abundance

The Politics of Energy Security

Johannes Kester

*Securing Abundance:
The Politics of Energy Security*

PhD Thesis
Johannes Kester
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university of
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Securing abundance

The politics of energy security

PhD thesis

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on the authority of the
Rector Magnificus Prof. E. Sterken
and in accordance with
the decision by the College of Deans.

This thesis will be defended in public on

Thursday 30 June 2016 at 11.00 hours

by

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Energy now, as work formerly, has become something that individuals and societies need. It is a symbol that fits our age, the symbol of that which is both abundant and scarce.

Ivan Illich, 2009, 13

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LIST OF ABBREVIATIONS

| | |
|-------|--|
| ANT | Actor-Network Theory |
| BOA | Begeleidingscommissie Onderzoek Aardbevingen |
| CCS | Carbon Capture and Storage |
| CSS | Critical Security Studies |
| CIP | Critical Infrastructure Protection |
| DSM | Demand Side Management |
| DSO | Distributed System Operator |
| EBN | Energie Beheer Nederland |
| EU | European Union |
| FAO | Food and Agricultural Organization of the United Nations |
| GBB | Groninger Bodem Beweging [Groningen Ground Movement] |
| ICT | Information and Communication Technology |
| IEA | International Energy Agency |
| IEEE | Institute of Electrical and Electronics Engineers |
| ILO | International Labour Organization |
| ILUC | Indirect Land Use Change |
| IPCC | Intergovernmental Panel on Climate Change |
| KNMI | Koninklijk Nederlands Meteorologisch Instituut [Royal Dutch Meteorological Institute] |
| MIT | Massachusetts Institute of Technology |
| NAM | Nederlandse Aardolie Maatschappij [Dutch Petroleum Company] |
| NIMBY | Not in my backyard |
| NGO's | Non-governmental Organizations |
| OPEC | Organization of the Petroleum Exporting Countries |
| RES | Renewable Energy Sources |
| SPR | Strategic Petroleum Reserves |
| STS | Science and Technology Studies |
| SSM | Staatstoezicht op de Mijnen [State Supervision of Mines] |
| Tcbb | Technische Commissie Bodembeweging [Technical Commission Ground Movement] |
| TNO | Toegepast Natuurwetenschappelijk Onderzoek |

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INTRODUCTION

